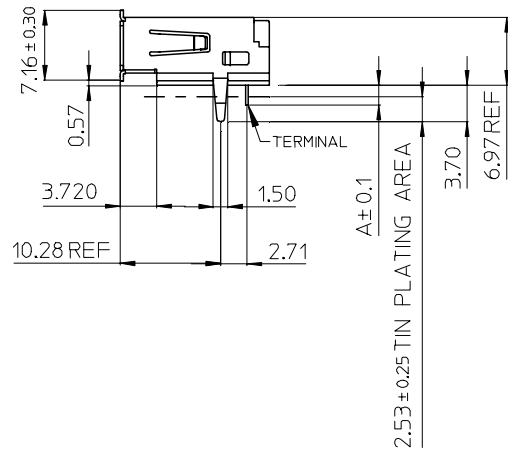
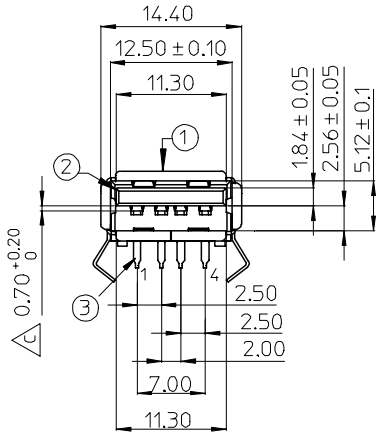


△ PCB LAYOUT (TOP VIEW)



NOTES:

1. MATERIAL:
 - ① METAL SHELL: COPPER ALLOY.
 - ② HOUSING: SEE CHART, 30% GLASS FIBER FILLED, UL94-V0.
 - ③ TERMINAL: PHOSPHOR BRONZE
2. TERMINAL:
 - CONTACT AREA: (a) GOLD FLASH.
 - (b) GOLD (Au), THICKNESS=30 MICROINCH MINIMUM.
 - SOLDER TAIL: TIN PLATED, THICKNESS=75 MICROINCH MINIMUM.
 - UNDER PLATED: NICKEL (Ni), THICKNESS=50 MICROINCH MINIMUM.
 - METAL SHELL: SEE CHART.
3. RECOMMENDED PCB THICKNESS: SEE CHART
4. PRODUCT SPECIFICATION: FOR IR REFER TO PS-67643-002
FOR NON IR REFER TO PS-67643-003
5. TORQUE FORCE SPEC: 2.50kg-cm Min. MEASURED AT BROKEN POINT.
6. TEST SUMMARY: FOR IR REFER TO TS-67643-002
FOR NON IR REFER TO TS-67643-003
7. PACKAGE: REFER TO PK-67643-002
8. LEAD FREE AND ROHS COMPLIANT PRODUCT

| | | | | | | | | | | | | |
|--|--------------------|-----------------------------------|---------------------------------------|-------|----------------------------|-------------------------|--------------------|--|------------------------------|---------------------|--|--|
| REVISE PCB LAYOUT VIEW EC NO: SH2007-0017 DRWN: ALL IN 2006/07/14 CHKD: 2006/07/14 APPR: WWSCHANG 2006/07/27 | DESCRIPTION REV | QUALITY SYMBOLS ▽ = 0 △ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | | |
| | | | | mm | INCH | DRAWN BY IVY-LIN | DATE 2005/03/31 | TITLE USB A TYPE RCPT SINGLE RA THROUGH HOLE W/OFLG (LEAD-FREE VERSION) | | | | |
| | | | 4 PLACES | ± --- | ± --- | CHECKED BY ALL IN | DATE 2005/03/31 | MOLEX INCORPORATED | | | | |
| | | | 3 PLACES | ± --- | ± --- | APPROVED BY WWSCHANG | DATE 2005/03/31 | MATERIAL NO. SEE TABLE | DOCUMENT NO. SD-67643-003 | SHEET NO. 1 OF 2 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | |

7 6 5 4 3 2 1

E

E

| P/N | HOUSING MATERIAL | COLOR | CONTACT PLATING | METAL SHELL PLATING | REMARK |
|---------------|------------------------|-----------|------------------------------|--|----------------|
| 67643-0910 | POLYESTER | BLACK | GOLD FLASH | IR REFLOW PROCESS TIN PLATED AT SOLDER AREA THICKNESS=100 MICROINCH MINIMUM UNDER PLATE:NICKEL (Ni),(SOLDERING AVAILABLE) SURFACE APPEARANCE:BRIGHT. | NON IR |
| 67643-1910 | POLYESTER | WHITE | | | REFLOW PROCESS |
| 67643-2910 | HIGH TEMPERATURE NYLON | BLACK | | | FOR IR |
| 67643-3910 | HIGH TEMPERATURE NYLON | WHITE | | | REFLOW PROCESS |
| 67643-0911 | POLYESTER | BLACK | GOLD PLATING 30 MICROINCH | NON IR REFLOW PROCESS: TIN PLATED. THICKNESS=80 MICROINCH MINIMUM UNDER PLATE:NICKEL (Ni). SURFACE APPEARANCE:BRIGHT. | NON IR |
| 67643-1911 | POLYESTER | WHITE | | | REFLOW PROCESS |
| 67643-2911 | HIGH TEMPERATURE NYLON | BLACK | | | FOR IR |
| 67643-3911 | HIGH TEMPERATURE NYLON | WHITE | | | REFLOW PROCESS |
| PCB THICKNESS | | 1.60±0.05 | | | |
| DIMENSION "A" | | 2.60 | | | |

D

D

C

C



| P/N | HOUSING MATERIAL | COLOR | CONTACT PLATING | METAL SHELL PLATING | REMARK |
|---------------|------------------------|-----------|------------------------------|--|----------------|
| 67643-0930 | HIGH TEMPERATURE NYLON | BLACK | GOLD FLASH | FOR IR REFLOW PROCESS TIN PLATED AT SOLDER AREA THICKNESS=100 MICROINCH MINIMUM UNDER PLATE:NICKEL (Ni),(SOLDERING AVAILABLE) SURFACE APPEARANCE:BRIGHT. | FOR IR |
| 67643-1930 | HIGH TEMPERATURE NYLON | WHITE | | | REFLOW PROCESS |
| 67643-0931 | HIGH TEMPERATURE NYLON | BLACK | GOLD PLATING 30 MICROINCH | | |
| 67643-1931 | HIGH TEMPERATURE NYLON | WHITE | | | |
| PCB THICKNESS | | 1.20±0.05 | | | |
| DIMENSION "A" | | 2.00 | | | |

B

B

A

A

| | | | | | | | | | | | |
|--|--------------------|--|---------------------------------------|-----------------|---|---|-------|---|---|--|--|
| SEE SHEET 1 EC NO: SH2007-0017 DRWN: ALL IN CHKD: APPR: WWSCHANG 2006/07/14 2006/07/14 2006/07/27 | DESCRIPTION REV | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE | | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | | |
| | |  = 0  = 0 | mm | INCH | MM ONLY | | 1:1 | METRIC | DRAWN BY: IVY-LIN DATE: 2005/03/31 CHECKED BY: ALL IN DATE: 2005/03/31 APPROVED BY: WWSCHANG DATE: 2005/03/31 MATERIAL NO. DOCUMENT NO. SHEET NO. | | |
| | | | 4 PLACES ± --- | ± --- | DRAWN BY: IVY-LIN DATE: 2005/03/31 | | TITLE | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | 3 PLACES ± --- | ± --- | CHECKED BY: ALL IN DATE: 2005/03/31 | | USB A TYPE RCPT SINGLE RA THROUGH HOLE W/OFLG (LEAD-FREE VERSION) | | | |
| | | | | 2 PLACES ± 0.25 | ± --- | APPROVED BY: WWSCHANG DATE: 2005/03/31 | | MOLEX INCORPORATED | | | |
| | | 1 PLACE ± 0.25 | ± --- | ANGULAR ± 3 ° | | SEE TABLE | | SD-67643-003 | | | |

6 5 4 3 2 1